

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	547	(429/50).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/23 19:02
L2	630	(320/136).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/23 19:02
L3	241	(320/127).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/23 19:02
L4	747	(320/132).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/23 19:02
L5	360	(320/135).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2007/01/23 19:02
L6	112	(L1 or L2 or L3 or L4 or s5or L5) and @pd>="20060525"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 19:06
L7	383	(nickel\$1metal\$1hydride or Ni\$1MH) and (battery with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 19:06
L8	277	L7 and ((discharg\$3 same battery) same temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 19:07
L9	438	((heating or warming) with battery) and (ambient with temperature) and (discharg\$3 with (time or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 19:06

## EAST Search History

L10	47	(L8 or L9) and @pd>="20060525"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2007/01/23 19:07
S1	523	(429/50).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/28 20:41
S2	616	(320/136).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/28 21:03
S3	237	(320/127).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/28 21:04
S4	680	(320/132).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/28 21:04
S5	84	(320/133).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/28 21:04
S6	353	(320/135).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/28 21:05
S7	120	((nickel\$1metal\$1hydride or Ni\$1MH) with battery) and ((ambient or outside or surrounding or external) with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 21:13
S8	83	S7 and ((discharg\$3 same battery) same temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 21:18
S9	12	S8 and short\$1circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 21:18

## EAST Search History

S10	73	S8 and (discharg\$3 same (time or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 21:38
S12	280	((nickel\$1metal\$1hydride or Ni\$1MH) with battery) and (battery with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 21:17
S13	342	(nickel\$1metal\$1hydride or Ni\$1MH) and (battery with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:01
S14	253	S13 and ((discharg\$3 same battery) same temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:03
S15	227	S14 and (discharg\$3 same (time or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:03
S16	20	S15 and short\$1circuit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:04
S17	16	((("4551400") or ("4728586") or ("5096667") or ("5135589") or ("5277999") or ("5238756") or ("5407761") or ("5536591")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/05/28 21:20
S18	163	S15 and ((warm or heat or (increase with temperature)) same battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:04
S19	61	S10 and ((warm or heat or (increase with temperature)) same battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 21:38
S20	0	("2005/0064278").URPN.	USPAT	OR	ON	2006/05/28 21:58

## EAST Search History

S21	939	(nickel\$1metal\$1hydride or Ni\$1MH) and (battery with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge or capacity)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:11
S22	583	S21 and ((discharg\$3 same battery) same temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:11
S23	460	S22 and (discharg\$3 same (time or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:12
S24	304	S23 and ((warm or heat or (increase with temperature) or cold) same battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:12
S26	13	S24 and (start with battery) and (cold with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:18
S27	27	S24 and ((start or use) with battery) and (cold with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:18
S28	3140	(battery with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge or capacity) and ((discharg\$3 same battery) same temperature) and (discharg\$3 same (time or period)) and ((warm or heat or (increase with temperature) or cold))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:13
S29	2700	(battery with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge or capacity) and ((discharg\$3 same battery) same temperature) and (discharg\$3 same (time or period)) and ((warm or heat or (increase with temperature) or cold) same battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:16

## EAST Search History

S30	532	(battery with temperature) and (S\$1O\$1C\$1 or state\$1of\$1charge) and ((discharg\$3 with battery) same temperature) and (discharg\$3 with (time or period)) and ((warm or heat or (increase with temperature) or cold) same battery)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:16
S31	49	S30 and ((start or use) with battery) and (cold with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:19
S32	73	S30 and ((start or use or using or efficient) with battery) and (cold with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:20
S33	53	S32 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:20
S35	37	S33 and (short or short\$1circuit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:34
S36	16	S33 not S35	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:21
S37	412	((heating or warming) with battery) and (ambient with temperature) and (discharg\$3 with (time or period))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:35
S38	302	S37 and (short\$circuit or short)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:36
S39	31	S38 and (NI\$1MH or nickel\$1metal\$hydride)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:36

## EAST Search History

S40	119	S38 and ((above and below) with temperature)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/28 22:37
S41	0	("2005/0017690").URPN.	USPAT	OR	ON	2006/05/28 22:56
S42	850	short with circuit with battery with (warm\$3 or heat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:37
S43	2	S42 with temperature with cold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:37
S44	23	S42 and temperature with cold	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/31 15:38
S45	2	("2002/0068202").URPN.	USPAT	OR	ON	2006/05/31 15:44
S46	16	("1023791"   "2462072"   "2689322"   "2710936"   "3264546").PN. OR ("3654426").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/06/02 18:13